

Table 7a - Project Budget

Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL

Project Title: City of Stockton - High Efficiency Toilet Direct Installation Phase II – Program Expansion to Residential Customers (HET Residential Program)

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$23,163	\$0	\$0	\$23,163	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$21,806	\$0	\$0	\$21,806	100%
(d)	Construction/Implementation	\$0	\$196,000	\$0	\$196,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$26,908	\$0	\$0	\$26,908	100%
(g)	Other Costs - CII HET Installations	\$150,000	\$0	\$0	\$150,000	100%
(h)	Const./Imp. Contingency - Residential HET Installations	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$221,877	\$196,000	\$0	\$417,877	53%

***a, c, and f are provided through staff in-kind and g is provided as cash in-kind.**

Table 7b - Project Budget	
Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL	
Project Title: Stockton East Water District 35 Acre Recharge Pond and Conjunctive Use Project	

Table 7b - Project Budget	
Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL	
Project Title: Stockton East Water District 35 Acre Recharge Pond and Conjunctive Use Project	

Table 7b - Project Budget	
Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL	
Project Title: Stockton East Water District 35 Acre Recharge Pond and Conjunctive Use Project	

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$40,524	\$0	\$0	\$40,524	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$31,654	\$0	\$0	\$31,654	100%
(d)	Construction/Implementation ¹	\$140,361	\$1,149,644	\$0	\$1,290,005	11%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$2,624	\$0	\$0	\$2,624	100%
(f)	Construction Administration	\$11,695	\$0	\$0	\$11,695	100%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$226,858	\$1,149,644	\$0	\$1,376,502	16%

*a, c, e, f and the portion of d used for removal of sludge are provided in-kind.

1. Includes 20% Contingency

Table 8 - Summary Budget

Proposal Title: EASTERN SAN JOAQUIN REGION IRWM PROGRAM ROUND 1 IMPLEMENTATION GRANT PROPOSAL

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
(a)	Stockton HET Residential	\$ 221,877	\$ 196,000	\$ -	\$ 417,877	53%
(b)	SEWD 35 Acre Recharge	\$ 226,858	\$ 1,149,644	\$ -	\$ 1,376,502	16%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$ 448,736	\$ 1,345,644	\$ -	\$ 1,794,380	25%

City of Stockton - High Efficiency Toilet Direct Installation Phase II – Program Expansion to Residential Customers (HET Residential Program) - Detail									
Task#	Task Description	GBA Staff				City of Stockton MUD Staff			Labor Subtotal
		Water Resources Coordinator	Sr. Engineer	Mgmt. Analyst	Legal Counsel	Deputy Director	Program Manager	Conservation Manager	
	Fully Loaded Labor Rates ¹	\$197	\$169	\$112	\$250	\$132	\$106	\$92	
Task 1	Grant Administration								
1A	Contract Administration	1	8	0	2	1	4	1	17
1B	Inter-Agency Agreement	4	8	8	8	1	8	8	45
	Subtotal Hours	5	16	8	10	2	12	9	62
	Subtotal Cost	\$985	\$2,709	\$896	\$2,500	\$263	\$1,270	\$825	\$ 9,448
Task 2	Labor Compliance Plan (Optional)								
	Subtotal Hours	0	0	0	0	0	0	0	0
	Subtotal Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Task 3	Reporting								
	Subtotal Hours	4	16	16	0	4	40	40	120
	Subtotal Cost	\$788	\$2,709	\$1,792	\$0	\$526	\$4,234	\$3,666	\$ 13,715
Task 4	HET Residential Program Development								
4A	Develop HET Residential Program	0	4	0	0	8	40	40	92
4B	Develop Marketing and Outreach Components	0	0	0	0	8	8	40	56
4C	DAC Specific Marketing and Outreach	0	4	8	0	4	8	40	64
	Subtotal Hours	0	8	8	0	20	56	120	212
	Subtotal Cost	\$0	\$1,354	\$896	\$0	\$2,630	\$5,928	\$10,998	\$ 21,806
Task 5	HET Residential Program Implementation and Administration								
5A	Prequalification of Plumbing Contractors					8	16	16	40
5B	Resident Inquiries						16	40	56
5C	Program Administration					16	40	120	176
	Subtotal Hours	0	0	0	0	24	72	176	272
	Subtotal Cost	\$0	\$0	\$0	\$0	\$3,156	\$7,621	\$16,130	\$ 26,908
	Total HOURS	9	40	32	10	50	180	345	666
	Total COST	\$1,773	\$6,772	\$3,584	\$2,500	\$6,576	\$19,053	\$31,619	\$ 71,877

Fully Loaded HET Direct Installation Costs			
	Cost per HET Unit	Units	Subtotal Total Cost
Commercial, Industrial, and Commercial HET Direct Installations ²	\$ 417	360	\$ 150,000
Residential HET Direct Installations ³	\$ 490	400	\$ 196,000

Total Project Cost	\$ 417,877
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Notes:

1. Fully loaded labor rates were obtained from the San Joaquin County Department of Public Works for the GBA and the City of Stockton MUD.
2. Fully Loaded HET Direct Installation Rates for CII customers assumes a basic service fee of up to three HET replacements per site at \$200 for the 1st replacement, an additional \$90 per additional replacement, \$225 per two-piece, elongated HET with split seat, wax ring, bolt kit, and \$65 for flange replacement, angle stop, supply line, labor and materials.
3. Fully Loaded HET Direct Installation Rates for Residential customers assumes a \$200 basic service fee per HET replacement, \$225 per two-piece, elongated HET with split seat, wax ring, bolt kit, and \$65 for flange replacement, angle stop, supply line, labor and materials.

ENGINEERS ESTIMATE 35 ACRE SITE GROUNDWATER RECHARGE AND CONJUNCTIVE USE PROJECT									
Estimate: SEWD Engineering Estimator: AL Date: 06/08/10									
Job: USACE Construction Contract		Checked by: KMK Date: 06/08/10							
Address: 6767 E. Main St. Stockton, CA 95215									
Job Description: Pipeline & Groundwater									
Recharge Construction			Material			Labor & Equipment			
Item or Description	Qty	Unit	Unit Cost	Ext		Unit Cost	Ext		Total Cost
Mobilization & Clean Up	1	LS	\$ -	\$ -		\$ 30,000	\$ 30,000		\$ 30,000
Project Survey Services	120	HRS	\$ -	\$ -		\$ 350	\$ 42,000		\$ 42,000
Modify (E) Plumbing at Water Sources	2	EA	\$ 1,000	\$ 2,000		\$ 250	\$ 500		\$ 2,500
Install 18" Pipe Above Ground	300	LF	\$ 17	\$ 5,190		\$ 4	\$ 1,200		\$ 6,390
Install Above Ground Pipeline Constraints	30	EA	\$ 15	\$ 450		\$ 8	\$ 246		\$ 696
Install 18" Pipe Under Ground	2,720	LF	\$ 14	\$ 39,114		\$ 25	\$ 68,000		\$ 107,114
Install Inline 18" Butterfly Valve	2	EA	\$ 1,800	\$ 3,600		\$ 250	\$ 500		\$ 4,100
Install 24" Slide Gate Valve	1	EA	\$ 1,400	\$ 1,400		\$ 300	\$ 300		\$ 1,700
Remove Well Housing, Extend Well Pipe & Cap	1	LS	\$ 500	\$ 500		\$ 500	\$ 500		\$ 1,000
Install Stormwater Treatment Devices	1	LS	\$ 6,000	\$ 6,000		\$ 2,000	\$ 2,000		\$ 8,000
Cut Cells 2 ft Down	20	AC	\$ -	\$ -		\$ 4,865	\$ 99,003		\$ 99,003
Rip Cells 3-1/2 ft Deep	20	AC	\$ -	\$ -		\$ 800	\$ 16,280		\$ 16,280
Construct Ridges in all Cell Areas	24,000	LF	\$ -	\$ -		\$ 2	\$ 48,000		\$ 48,000
Construct 12' Maintenance Roads[a]	6,800	LF	\$ -	\$ -		\$ 10	\$ 68,000		\$ 68,000
Construct 24' Maint Rd with base[a]	2,400	LF	\$ 33	\$ 79,200		\$ 100	\$ 240,000		\$ 319,200
Construct Access Ramps	9	EA	\$ -	\$ -		\$ 533	\$ 4,797		\$ 4,797
Construct Pipe Outlets w/ 18" Butterfly Valves	7	EA	\$ 3,219	\$ 22,533		\$ 700	\$ 4,900		\$ 27,433
Construct V-Ditch	1,640	LF	\$ -	\$ -		\$ 2	\$ 3,280		\$ 3,280
Install Culvert Pipes under Access Ramps	100	LF	\$ 25	\$ 2,500		\$ 25	\$ 2,500		\$ 5,000
50ft wide rolling double gate	1	LS	\$ 2,500	\$ 2,500		\$ 2,500	\$ 2,500		\$ 5,000
Final grade on Banks, Roads & Fill Areas	70,000	SY	\$ -	\$ -		\$ 1	\$ 70,000		\$ 70,000
							Material Sub-Total		\$ 164,987
							Tax on all material 9%		\$ 14,849
							Labor Sub-Total		\$ 704,506
							Contractor Overhead and Profit 15%		\$ 132,651
							Contingency 15%		\$ 132,651
							Total Construction Costs Estimate:		\$ 1,149,644